Index of FAA AVIATION NEWS Articles, 1989 - 1990

Editor's Note: For the convenience of our readers, we are providing an index of feature articles in this magazine from January 1989 through December 1990. Many articles are cross-referenced.

You may find bound copies of FAA AVIATION NEWS in most large public or university libraries. Filed copies are also available in some FAA District Offices. Unfortunately, back issues are no longer for sale, so if local resources fail, write to us directly.

by Louise Oertly

ACCIDENTS

ACCIDENT PREVENTION—**"Back to Basics II."** Comments by Gary Koch about Phase II of the safety campaign promoted by the Accident Prevention Program 1-2/90

TCAS II—**Airborne Collision Avoidance Radar.** Explains how system works to avoid midairs ... 9-10/89

TCAS II—**TCAS: Friend or Foe.** Q & A's on TCAS II 7–8/90

AIRCRAFT

PRIMARY AIRCRAFT—**Primary Category Aircraft.** Proposed rule to establish new aircraft category . 5-6/89

AIRPORTS

GRASS STRIPS—**Where There's a Hill There's a Way.** Hazards of not expecting the unexpected 5-6/89

UNCONTROLLED AIRPORTS—**Making Yourself Known.** Self-announcing procedures at uncontrolled airports reviewed 3-4/89

AIR TRAFFIC

AIRSPACE—**The Proposed Airspace Reclassification.** Proposed rule change establishes six basic categories of airspace 1-2/90

COMMUNICATIONS—**Communicating without Radio.** What to do if the radio fails 1-2/90

COMMUNICATIONS—**The Gab Gremlin.** Standard radio phraseology for pilots and controllers 1-2/89

COMMUNICATIONS—**Passing the Word.** The importance of accurate radio transmissions 1-2/90

COMMUNICATIONS—**Speaking Up.** The importance of clear communications between pilots and air traffic controllers 1-2/89

ETE—**Elapsed Time En Route.** ETE defined 7–8/90

ETE—**The Significance of ET in Instrument Flight Plans.** Questions on fix vs. destination airport and the possibility of radio failure . 7-8/89

NOTAM—**Notices to Airmen.** What they are; how they work 3-4/90

AIR TRAFFIC

TERMINOLOGY—**Verbal Confusion on Approach.** Explanation of terms commonly used in instrument approach procedures 7-8/90

TRANSPONDERS—**Transponder Altitude Verification.** How the Mode C system works 9-10/89

EMERGENCY

ELT—**Lost and Found.** ELT care and use 5-6/90

SURVIVAL—**Airman Survival in the Big Snow.** Winter survival techniques 3-4/89

FAMOUS FLIGHTS & FLYERS

Civil War Balloons: The Confederate Silk Air Corps 3-4/90

Rowland **Emett,** Eminent Aeronaut of Inner Space. Creator of fanciful aviation art 5-6/90

Grumman Goose: The Grumman Gander Gambit. The G-21, started as an aerial limousine 1-2/90

Cornu, Sikorsky, and Berliner. The Early Days of Helicopter Flight: A Photographic Sampler .. 7-8/90

Inflatobird: An Inflatable Airplane? 5-6/89

Edwin **Link:** The Pilot Maker. First practical flight simulator 9-10/90

Per **Linstrand** and Richard **Branson:** Stratoquest, the first hot air balloon Atlantic flight 3-4/89

Charlie **Taylor:** The First Aviation Mechanic. Worked with the Wright brothers 1-2/89

Roscoe **Turner:** Will the Real Roscoe Turner Please Stand Up! Publicist's dream or premier pilot? 11-12/90

WW I Pilots: The Unsung Heroes Who Brought Aviation to Life in America. New age of barnstormers after WW I using ex-military aircraft and pilots 9-10/89

Wright Brothers: Huffman's Prairie, 1904-05. After Kitty Hawk the brothers perfected their plane outside Dayton 11-12/89

INSTRUCTION

AQP—**New Approaches to Airmen Training: AQP and ISD.** Pilot training based on Advanced Qualification Program and Instructional System Design 9-10/90

CAREERS—**Opportunity Is Knocking for Aviation Careers.** While the number of jobs increase, the number of pilots decreases 1-2/90

CFI—**Toward Better Instruction.** Article by Kevin Murphy on FAA certification of flight instructors ... 3-4/89

CRM—**New Approaches to Airmen Training: Managing the Cockpit.** Pilot training based on Cockpit Resource Management training and Line Oriented Flight Training (LOFT) 9-10/90

INSTRUCTION—**The New Reality of Aviation Training.** Comments by John Kern new training techniques and updating current regulations to meet these needs . 9-10/90

SIMULATORS—**... And They Never Got Off the Ground.** The future role of flight simulators in flight training 9-10/90

STUDENT PILOT—**Student Pilot Privileges Reviewed.** Questions concerning the student pilot's privileges and obligations 6-7/89

TESTING—**After the Training Is over.** Development of practical and written tests 9-10/90

INSTRUMENTS & NAVAIDS

AVIONICS—**Magic Boxes.** The care and use of aircraft avionics by Ernest Tudor 5-6/90

GPS—**Lighthouses in the Sky.** Satellite radio navigation system, the Global Positioning System ... 3-4/89

LORAN C—**LORAN C Goes Public.** Information on LORAN C and the new instrument approaches .. 11-12/90

MLS—**Microwaved Landing Signals.** How and when MLS will replace the ILS landing signal ... 7-8/89

TRANSPONDERS—**Transponder Altitude Verification.** How the Mode C system works 9-10/89

MAINTENANCE & SERVICING

ALTERATIONS—**The Domino Effect.** Hazards of unauthorized aircraft alterations 5-6/89
ELECTRICAL—**Inflight Electrical Failure.** Tips on what to do 7-8/89
ELT—**Lost and Found.** ELT care and use 5-6/90
MEL—**Minimum Equipment Options.** Flying with acceptable inoperative equipment 5-6/89
WASHING—**Bathing the Birdie.** Washing the aircraft can also be an airworthiness check 9-10/89
WASTEWATERS—**Aircraft Maintenance and Toxic Waste.** Aircraft wastewaters and its effect on the environment 5-6/90

MEDICAL

ALCOHOL—**The Road Back for Alcoholic Pilots.** Recertification is now a reality following treatment 3-4/90
ALCOHOL—**... And Another One.** Airline pilot's story on alcoholism and how he overcame it .. 3-4/90
EAR—**Loud and Clear.** The effects of noise on your ears 3-4/90
JUDGEMENT—**Antidotes for Negatives Attitudes.** Decision-making and entrenched thought patterns 9-10/89

MISCELLANEOUS

AWARDS—**General Aviation's "Most Valuable Players' of 1988.** CFI (Jeffrey Hanson) and Maintenance Technician (Robert K. Love, Jr.) of the year winners 1-2/89
FAREWELL—**What's in a Name?** Farewell to the editor, David Gelfan 11-12/90
ENVIRONMENT—**Aircraft Maintenance and Toxic Waste.** Aircraft wastewaters and its effect on the environment 5-6/90
INDEX—**Index of FAA Aviation News Articles, 1989-1990** 11-12/90
SAFETY PROGRAMS—**Fun ... damentals in the Sun.** FAA's participation in the annual Sun 'n Fun Fly In..... 3-4/90

OPERATIONS

LANDINGS—**The Stabilized Landing Approach.** Jeff Roy's approach to landing 5-6/90
NIGHT—**VFR and Winter Nights.** Hazards VFR pilots face when flying in marginal weather on a winter night 1-2/89
PART 91—**Operating Rules Revised.** Comparison of old and revised FAR Part 91 ..... 11-12/89

PILOT TECHNIQUES

CARB ICING—**Summer Ice.** Tips on how to detect and avoid carburetor icing 7-8/90
COMMUNICATIONS—**Communicating without Radio.** What to do if the radio fails 1-2/90
COMMUNICATIONS—**The Gab Gremlin.** Standard radio phraseology for pilots and controllers 1-2/89
COMMUNICATIONS—**Making Yourself Known.** Self-announcing procedures at uncontrolled airports reviewed 3-4/89
COMMUNICATIONS—**Passing the Word.** The importance of accurate radio transmissions 1-2/90
COMMUNICATIONS—**Speaking Up.** The importance of clear communications between pilots and air traffic controllers 1-2/89
ETE—**The Significance of ET in Instrument Flight Plans.** Questions on fix vs. destination airport and the possibility of radio failure 7-8/89
PROFICIENCY—**Retaining Proficiency on 40 Hours a Year.** Robert C. Hall's article on "Okie Derby," an annual proficiency flying event 5-6/89
TERMINOLOGY—**Verbal Confusion on Approach.** Explanation of terms commonly used in instrument approach procedures 7-8/90

PREFLIGHT PLANNING

BRIEFINGS—**Against the Odds.** The importance of a weather briefing before each flight 11-12/89
BRIEFINGS—**The Best Weather Presentation in the World.** "A.M. Weather" television program 3-4/89
DUATS—**Weather at your Fingertips.** Direct computer access to FAA's information network 11-12/89
ETE—**Elapsed Time En Route.** ETE defined 7-8/90
ETE—**The Significance of ET in Instrument Flight Plans.** Questions on fix vs. destination airport and the possibility of radio failure . 7-8/89
NOTAM—**Notices to Airmen.** What they are; how they work 3-4/90
PREFLIGHT PLANNING—**Where There's a Hill There's a Way.** Hazards of not expecting the unexpected on a uphill grass strip 5-6/89
WINTER—**Are You Ready for Winter?** Pilot/aircraft preparation 11-12/90

REGULATIONS

AIRSPACE—**The Proposed Airspace Reclassification.** Proposed rule change establishes six basic categories of airspace 1-2/90
FAR—**FAR Update.** Updated listing of all prices and changes 7-8/90
JUDGEMENT—**Legal But Unsafe.** C.R. "Tex" Melugin's comments on sometimes operating within the regulations is not enough 3-4/89
MAINTENANCE—**The Crisis in Aviation Maintenance.** Regulatory review of FAR Parts 65 and 147 on training and certification of A & P mechanics 9-10/90
MEL—**Minimum Equipment Options.** Flying with acceptable inoperative equipment 5-6/89
PART 91—**Operating Rules Revised.** Comparison of old and revised FAR Part 91 ..... 11-12/89
PRIMARY AIRCRAFT—**Primary Category Aircraft.** Proposed rule to establish new aircraft category . 5-6/89
RECREATIONAL PILOT— **The Recreation Pilot Certificate.** Explanation of the Part 61 amendment 5-6/89
REGULATIONS—**Compliance and Enforcement.** Comments by FAA Administrator James Busey concerning FAA's policy 3-4/90
REMEDIAL TRAINING—**Remedial Training.** New FAA policy for certain FAR violations 7-8/90
SFAR 58— **New Approaches to Airmen Training: AQP and ISD.** Pilot training based on Advanced Qualification Program and Instructional System Design 9-10/90
STUDENT PILOT—**Student Pilot Privileges Reviewed.** Questions concerning the student pilot's privileges and obligations 7-8/89
TRAINING—**Updating the Airman's Certification "Bible."** Regulatory review of FAR Parts 61, 141, and 143 ..... 9-10/90

WEATHER

BRIEFINGS—**Against the Odds.** The importance of a weather briefing before each flight 11-12/89
BRIEFINGS—**The Best Weather Presentation in the World.** "A.M. Weather" television program 3-4/89
CARB ICING—**Summer Ice.** Tips on how to detect and avoid 7-8/90
DUATS—**Weather at Your Fingertips.** Direct computer access to FAA's information network 11-12/89
SURVIVAL—**Airman Survival in the Big Snow.** Winter survival techniques 3-4/89
VISIBILITY—**VFR and Winter Nights.** Hazards VFR pilots face when flying in marginal weather on a winter night 1-2/89
WIND—**Storm-proofing Your Airplane.** Tiedown tips to minimize summer storm damage 7-8/89
WINTER—**Are You Ready for Winter?** Pilot/aircraft preparation 11-12/90